Always there to help you

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www.philips.com/welcome

HMP2500T

Question? Contact Philips

User manual

PHILIPS

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1 Safety and notice

Read and understand all instructions before you use this product. If damage is caused by failure to follow the instructions, the warranty does not apply.

Safety

This 'bolt of lightning' indicates uninsulated material within the device may cause an electrical shock. For the safety of everyone in your household, please do not remove the covering.

The 'exclamation mark' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.
WARNING: To reduce the risk of fire or electric shock, the device should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on the device.
CAUTION: To prevent electric shock, fully insert the plug. (For regions with polarized plugs: To prevent electric shock, match wide blade to wide slot.)
Only use attachments/accessories specified by the manufacturer.
The product shall not be exposed to dripping or splashing.
Do not place any sources of danger on the product (e.g. liquid filled objects, lighted candles).

Modification of the product could result in hazardous radiation of EMC or other unsafe operation.

Warning

- Never remove the casing of this product.
- Never lubricate any part of this product.
- Never place this product on other electrical equipment.
- Keep this product away from direct sunlight, naked flames or heat.
- Ensure that you always have easy access to the power cord, plug or adaptor to disconnect the product from the power.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Compliance

CE

This product complies with the radio interference requirements of the European Community.

Class II equipment symbol:

This symbol indicates that this product has a double insulation system.

Any changes or modifications made to this product that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.

Note

- The type plate is located on the bottom of the product.

Care of the environment

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, and old equipment.

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC.

Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Copyright

Be responsible
Respect copyrights

This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V or their respective owners. Philips reserves the right to change products at any time without being obliged to adjust earlier supplies accordingly.

Warranty

- Never attempt to repair the product, this could lead to the risk of injury, damage to the product and will void your warranty.
- Use the product and accessories only as intended by the manufacturer. The caution sign printed on the back of the product indicates risk of electric shock.
- Never remove the cover of the product. Always contact Philips Customer Support for service or repairs.
- Any operation expressly prohibited in this manual, or any adjustments and assembly procedures not recommended or authorized in this manual shall void the warranty.

Trademark notice

HDMI, and HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC in the United States and other countries.

Manufactured under license from Dolby Laboratories.
"Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

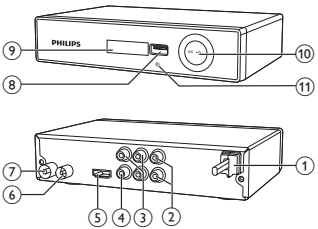
The USB-IF Logos are trademarks of Universal Serial Bus Implementers Forum, Inc.

2 Overview

Through **HMP2500T**, you can do the following on your high-definition TV (HDTV):

- Receive digital TV/ radio programs from the latest Digital Video Broadcasting (DVB-T2) services;
- Schedule your watching, listening, or recording of the programs;
- Play media that you store on the USB device.

Main unit



① MAINS ~
- AC power cord

② L / R
- Connectors for audio output

③ Pr / Pb / Y
- Connectors for component video output

④ VIDEO
- Connector for video output

⑤ HDMI
- HDMI connector for audio/ video output

⑥ RF LOOP THROUGH
- Output connector for external TV antenna

⑦ RF IN
- Input connector for external TV antenna

⑧ ⇐
- USB connector for media play and power charging of a USB mass storage device

⑨ Status display

⑩ ⏻
- Press the button to switch on; To switch off, press and hold the button for more than three seconds.

CH+/CH-/ 🔊+ / 🔊−
- Navigate through the list of options

OK
- Select an option

CH+/CH-
- **DVB**: Select the next or previous service

🔊+ / 🔊−
- Increase or decrease the volume

⑪ Power indicator

Remote control

Switch HMP2500T on or to standby mode
- Press ⏻

Select TV resolutions
- Press **TV MODE** repeatedly

Select media sources

TV / RADIO
- Press the button repeatedly to switch between the **TV** and **Radio** modes

USB
- Switch to the **USB** mode

Navigate through options

- Navigate through options

OK

- Confirm the option

■ / EXIT

- Exit

↩

- USB: Back one level

Select a TV/ radio service

▲ (CH+) / ▼ (CH-)

- Switch to the next or previous channel

0-9

- Numeric keys for the entry of channel numbers

EPG (Electronic Program Guide)

- List of all TV/ radio programs
- Create your watching/ listening schedule

FAV

- Access the list of your favorite services

Use the PVR (Personal Video Recorder)

LIST

- Access the recorded programs

REC

- Record current program

⏲

- Access the programs in your watching/listening/recording schedule

Play media files

▶❚❚

- Start, pause, or resume the play

■ / EXIT

- Stop the play

⏮ / ⏭

- Skip to the previous or next media file

◀◀ / ▶▶

- Search backwards or forwards within current file
- Press repeatedly to select a search speed

GOTO

- Skip to a point of time for media play

Red / Green buttons

- Rotate a photo

- **USB**: Zoom in or out the image
- **TV**: Select the aspect ratio options

REPEAT

- Select the repeat options

INFO

- Display the information about current program/ file during play

SUBTITLE

- Access subtitle options

AUDIO

- Access the options of audio languages
- Access the options of audio tracks

TTX

- **TV/ Radio**: Switch teletext on or off

Change the volume

- Increase or decrease the volume

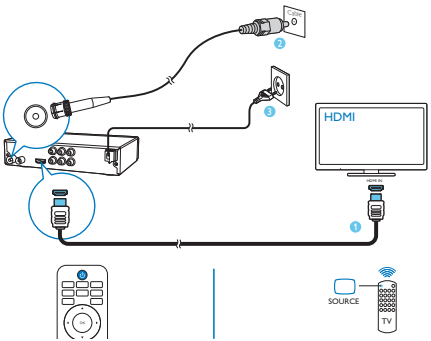
- Mute/ unmute

Select setup options

- Press **SETUP**

3 Get started

Connect

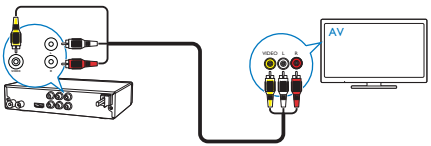


① Connect HMP2500T to a high-definition TV (HDTV) through an HDMI cable (not supplied).

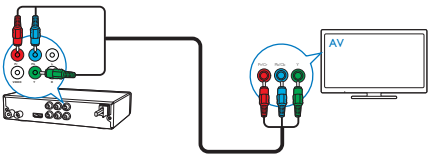
② Connect your TV antenna cable (not supplied) to RF IN.

③ Connect the power cord to power.

To connect to a TV through AV cables
Audio/video cables (not supplied):



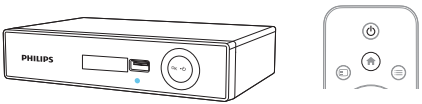
Component video cables (not supplied):



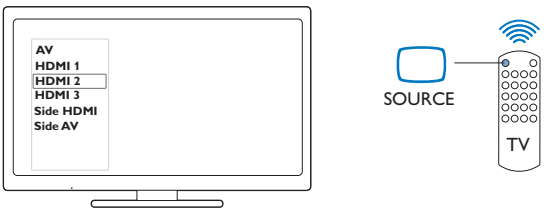
- Make sure that the plugs and sockets match in color.

Switch on or off

1 On **HMP2500T**, press ⏻ on the remote control to switch on.
- Alternatively, press ⏻ on the main unit.



2 On the TV, switch to the input source of **HMP2500T**:
- On the remote control of your TV, use the source button to select the input source of **HMP2500T**.



3 To switch **HMP2500T** to standby mode, press ⏻ again on the remote control.
↳ The power indicator lights up red.

- Alternatively, press and hold ⏻ on the main unit for more than three seconds to switch off.

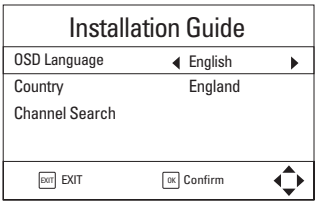
Auto standby

If there is no button press or media play on **HMP2500T** for three hours, **HMP2500T** can switch to standby mode automatically to save power.
On the remote control, press **SETUP**. Go to ⏻ to switch on **[Auto Standby]**.

4 Play from DVB services

First-time setup

The first time you use **HMP2500T**, do the following setup:



1 In **[OSD Language]**, select the language for the onscreen menus.
2 In **[Country]**, select the country of your current location.
3 In **[Channel Search]**, press ▶ or **OK** to start auto search.
   ↳ **HMP2500T** starts to search for available services.
   ↳ When the auto search is complete, the first TV service starts to play.

Auto search

When you move to a new place (such as a new city or country), restart auto search for better reception.

1 On the remote control, press **SETUP**.
2 Go to 📺 and select **[Auto Search]**.
   ↳ **HMP2500T** starts to search for available services.
   ↳ When the auto search is complete, the first TV service starts to play.

Manual search

You can search for services by channel number or frequency.

1 On the remote control, press **SETUP**.

2 Go to ⊡ and select **[Manual Search]**.

Tune in to TV/radio services

1 On **HMP2500T**, switch to the TV or radio mode.
- On the remote control, press **TV / RADIO** repeatedly.
  ↳ You switch to the last played service.

2 **To tune in to a service by channel,**
- Press ▲ (**CH+**) / ▼ (**CH-**), or
- Use the numeric keys **0-9** to enter channel numbers.

To tune in to a service by service information,
- Press **EPG**. Press ◀ ▶ to switch between services.

To tune in to your favorite services,
- Press **FAV**.

Select from the list of services

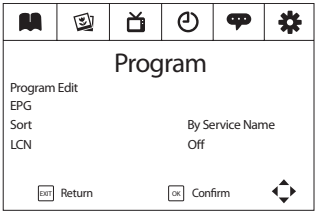
1 In the **TV** or **Radio** mode, press **EPG**.
↳ You can select from the list of available TV/ radio services.

2 Press ◀ ▶ to switch between services.

Sort services in the EPG

To display services as needed, you can sort the services in different ways.

1 On the remote control, press **SETUP**.



2 Select > **[Sort]**:
[By LCN]: Services are sorted by Logical Channel Number (LCN).
[By ONID]: Services are sored by Original Network ID (ONID).
[By Service Name]: Services are sorted by service name.
[By Service ID]: Services are sorted by service ID.

3 Press ◀ ▶ to switch between options.

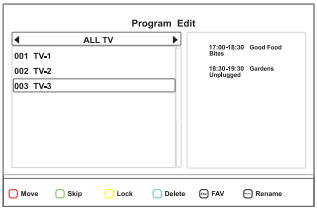
Create a list of favorites

On the remote control, press **FAV**. You can access the services that you have added to the list of favorites.

To add/ remove a service

1 On the remote control, press **SETUP**.

2 Select > **[Program Edit]**.
- Enter your password (000000 by default).
  ↳ A list of services is displayed.



3 To add a service,
- Select a service. Press **FAV**.
  ↳ A pop-up screen is displayed for you to select the program type.
  ↳ The Favorite icon is added next to the service.

4 To remove the service,
- Select the service. Press **FAV** again.
  ↳ The Favorite icon is removed.

To access a favorite service

1 On the remote control, press **FAV**.
↳ A pop-up screen is displayed for you to select a service.

2 To switch between program types, press ◀ ▶.

3 To select a service, press ▲ ▼ ◀ ▶ and **OK**.

Re-assign channel numbers

1 Switch off the logical channel number (LCN).

① **On the remote control, press SETUP.**

② **In 🕮 > LCN, press ◀ ▶ to select [Off].**

2 Move a service to the channel number that you want to assign:

① **In 🕮 > [Program Edit], select a service.**
Enter your password (000000 by default).

② **On the remote control, press the Red button.**
↳ The Move icon is added next to the service.

③ **Press ▲ / ▼ to move the service.**

④ **To stop moving, press the Red button again.**
↳ The Move icon is removed.

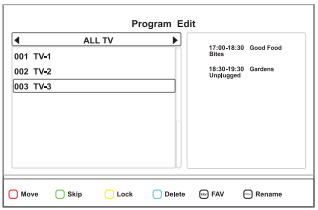
Edit the program list

By editing the program list, you can lock services, skip services, or change the service name.

1 On the remote control, press **SETUP**.

2 Select > **[Program Edit]**.

- Enter your password (000000 by default).
  - ↳ A list of services is displayed.
  - ↳ You can edit the program list as needed.



Lock a service

You can set a password for some services.

1 Select a service.

2 Lock the service:

- On the remote control, press the Yellow button.
  - ↳ The Lock icon is added next to the service.
  - ↳ To watch the locked service, enter your password (000000 by default).

3 To unlock the service:

- Select the service. Press the Yellow button again.

Use the Electronic Program Guide (EPG)

With the Electronic Program Guide (EPG), you can get the information about current and upcoming programs, such as introduction and schedules.

Create your watching /listening schedule

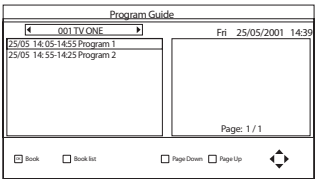
With the EPG, you can create a schedule for the TV/ radio programs that you want to watch or listen to.

1 Go to the EPG.
- On the remote control, press **EPG**.
- Alternatively, press **SETUP**, and then, select 🕮 > **EPG**.

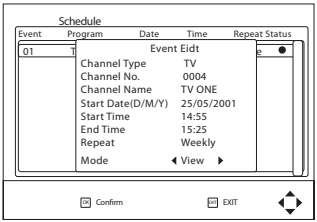
2 Select a program:

① **Press ◀▶ to select a service.**

② **Press ▲ / ▼ to navigate through the programs.**



3 On your selected program, press **OK**.
- ↳ The event is added to your schedule.
- ↳ A pop-up screen is displayed for you to edit the event.



4 Edit the event:
In **[Repeat]**: Select how often event repeats, once, daily, or weekly.
In **[Mode]**: Select whether to view or record the program.
↳ At the scheduled time, the play or recording starts automatically (see 'Record as scheduled' on page 21).

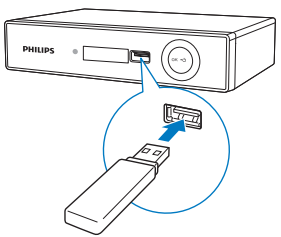
To add, edit, or delete an event

1 On the remote control, press ⏲.
↳ The schedule is displayed.

2 On the remote control, press the red, green, or blue buttons to add, edit, or delete a selected event.

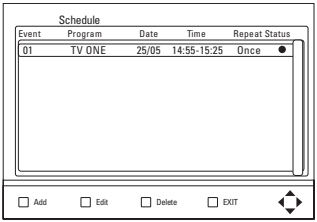
Use the Personal Video Recorder (PVR)

With the Personal Video Recorder (PVR), you can record a program at the scheduled time, or record the program during watching.
The recordings are saved to the USB device that you have connected to **HMP2500T**.



Record as scheduled

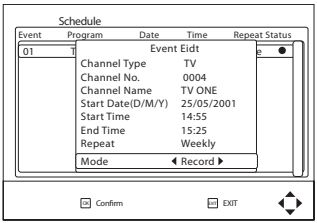
1 On **HMP2500T**, connect a USB mass storage device.
2 On the remote control, press ⏲.
↳ Your watching/ listening schedule is displayed.



3 To change an event to the recording mode,

(1) On the selected event, press the Green button to edit the event.
↳ A pop-up screen is displayed for you to edit the event.

(2) In [Mode], press ◀ ▶ to switch to [Record].



To add an event for recording,

- Press the Red button. In the pop-up screen, add an event and select **[Record]** in **[Mode]**.
  ↳ At the scheduled time, recording starts.

Record during watching/listening

1 On **HMP2500T**, connect a USB mass storage device.

2 When you watch or listen to a program, press **REC** on the remote control.
↳ You start to record current program.

Play recorded programs

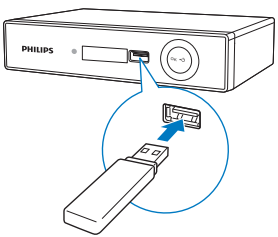
1 Make sure that you have connected the USB mass storage device to **HMP2500T**.

2 On the remote control, press **LIST**.
↳ The list of recordings is displayed.

3 Select a recording to start play.

5 Play from a USB mass storage device

1 On **HMP2500T**, connect a USB mass storage device.



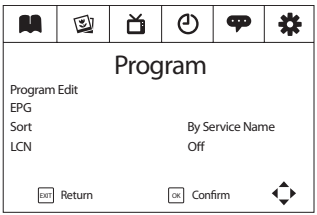
2 Switch to the USB mode.
- On the remote control, press **USB**.

3 Select a file to start play.

6 Setup

You can change the setup options of HMP2500T.

1 On the remote control, press SETUP.
↳ The setup menu is displayed.



2 To select an option,

① Press ◀ ▶ to switch to a menu: [Program], [Picture], [Channel Search], [Time], [Option], and [System].

② Press ▲ / ▼ to select a menu item.

③ Press ◀ ▶ to select an option.

3 To exit, press EXIT.

Program

[Program Edit]: Edit the list of services. You can change the sequence of the services, change the service names, and lock, skip, and delete some services.
EPG: Check the program information and schedules, and create your schedule of watching, listening and recording
[Sort]: Sort the list of services in different ways (see 'Sort services in the EPG' on page 16).

LCN: Select whether to keep the logical channel numbers of the services. To re-assign channel numbers to the services, switch off **LCN**.

Picture

[Aspect Ratio]: Select display aspect ratio.
[Resolution]: Select the video resolution that your TV supports. See your TV manual for details.
[TV Format]: Select the TV color system of your country. See your TV manual for details.

Channel Search

[Auto Search]: Start the auto search of available TV/ radio services.
[Manual Search]: Search a TV/ radio service by service name or frequency.
[Country]: Select the country of your current location.
[Antenna Power]: Increase the power of the external antenna.

Time

[Time Offset]: Select **[Auto]** to use the time of the TV/ radio services. Select **[Manual]** to select your time zone in **[Time Zone]**.
[Country Region]: Select the country of your current location.
[Time Zone]: To select your time zone, select **[Manual]** in **[Time Offset]**.
[Auto Standby]: Switch **HMP2500T** off automatically when there is no button press or media play for three hours.

Option

[OSD Language]: Select languages for the onscreen menus.
[Subtitle Language]: Select languages for the subtitle.
[Audio Language]: Select languages for the audio.

HDMI Audio: Select options for HDMI audio output. If you use TV speakers for audio output, select **[PCM]**. If you use external amplifier for decoding, select **[RAW HDMI On]**. To switch off HDMI audio output, select **[Off]**.

System

Parental Guidance

In **[Parental Guidance]**, you can set password to programs with age restrictions. By default, the password is 000000.
You can also lock some services in 🕮 > **[Program Edit]**.

Set Password

In **[Set Password]**, you can set your password that you use in **[Program Edit]**and **[Parental Guidance]**.

Restore factory default

In **[Restore Factory Default]**, restore the factory defaults of the **HMP2500T**.

Information

In **[Information]**, check the information about your **HMP2500T**. Before you upgrade the firmware, check current version information of your **HMP2500T**.

7 Update the firmware through a USB storage device

1 On your computer, do the following:

① **Go to www.philips.com/support to find the latest firmware.**

② **Search for your model and click on "Software and drivers".**

③ **Download the firmware update and save the file to the root directory of a USB storage device.**

2 On **HMP2500T**, do the following:

① **Connect the USB storage device.**

② **On remote control, press SETUP, and then, select ⚙ [System] > [Software Update] > [USB Upgrade].**

↳ If a firmware update is detected, you are prompted to start the update.

↳ **HMP2500T** restarts automatically and then, the update starts.

3 Follow onscreen instructions to complete the update.

↳ When the update is complete, **HMP2500T** switches off automatically.

Caution

- Keep **HMP2500T** powered on and the storage device mounted before the firmware update is complete.

8 Specification

Note

- Specification and design are subject to change without notice.

AC power
Voltage information is printed on the bottom of HMP2500T.
Power consumption 9 - 9.5 W
Power consumption in standby mode < 0.5 W
Supported formats:
- Video: MPEG 1/2, H.264, MPEG 4, Xvid (1.00, 1.01, 1.03, 1.10-beta1/2),JPEG, DAT, MPG, MPEG, TS, TRP, TP, M2TS, VOB, MP4, MKV, AVI, DMF (0, 1, 2,), Motion JPEG
- Audio: Dolby Digital, MPEG Audio, AC3, EAC3, AAC, HEAAC, LPCM, IMP/MS ADPCM, LBR, MP3, M4A
- Picture: JPEG, PNG, BMP

HDD & USB support
- NTFS, FAT32, FAT16
- USB MSC support
- HDD: up to 1TB, USB 2.0; External power: Not required for 1.8" or 2.5" HDD

Subtitle support
- .srt, .sub, .smi, .ssa, idx+.sub

Video
- HDMI output: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p

Audio
- Signal to noise ratio (1 kHz): > 90 dB (A-weighted)
- Dynamic Range (1 kHz): > 80 dB (A-weighted)
- Frequency response: +/-1 dB

Main Unit
- Dimensions (L x W x H): 180 x 113 x 45 mm
- Net Weight: 0.48 Kg

Specifications are subject to change without notice
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